



AMENDMENT UNDER 37 C.F.R. § 1.116
S. Application No. 10/679,323

ATTORNEY DOCKET NO. Q77822

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (currently amended): A Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material comprising:

an antenna and a radio portion for communicating with roadside radio equipment;

a data processing portion for processing data received from said radio portion;

a housing in which at least said antenna, said radio portion, and said data processing portion are housed; and

an adhesive material having a first surface affixed to said housing and a second surface for affixing to a vehicle window,

wherein:

a protruding portion engaged with said adhesive material is disposed on said housing, and

wherein said antenna and radio portion, said data processing portion, said housing, and

said adhesive material constitute said DSRC on-board unit.

2. (currently amended): A Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material comprising:

an antenna for communicating with roadside radio equipment;

a housing in which only said antenna is housed; and

an adhesive material having a first surface affixed to said housing and a second surface for affixing to a vehicle window,

wherein:

a protruding portion engaged with said adhesive material is disposed on said housing, and
wherein said antenna, said housing, and said adhesive material constitute said DSRC on-board unit.

3. (original): The Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material according to Claim 1, wherein:

said protruding portion is fitted into an aperture formed on said adhesive material.

4. (original): The Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material according to Claim 1, wherein:

a height of said protruding portion is less than a thickness of said adhesive material.

5. (original): The Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material according to Claim 1, wherein:

a leading end surface of said protruding portion is a flat surface.

6. (original): The Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material according to Claim 1, wherein:

antenna characteristics are matched by adjusting a shape of said antenna.

7. (previously presented): The Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material according to claim 1, wherein:

said protruding portion is engaged with said adhesive material only on a circumferential side of said protruding portion.

8. (previously presented): The Dedicated Short-Range Communications (DSRC) on-board unit with an adhesive material according to claim 2, wherein:
said protruding portion is engaged with said adhesive material only on a circumferential side of said protruding portion.